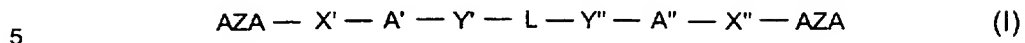


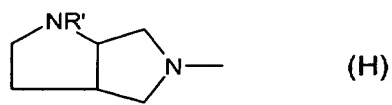
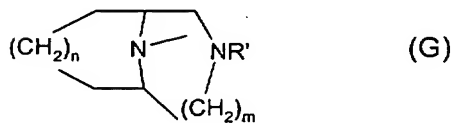
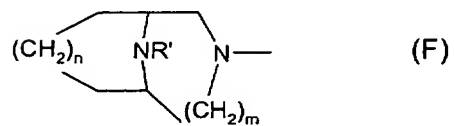
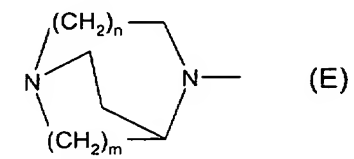
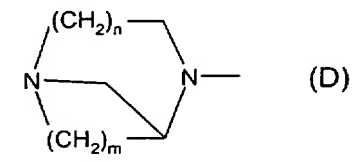
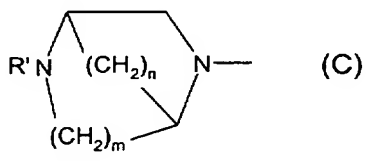
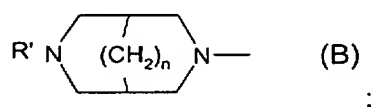
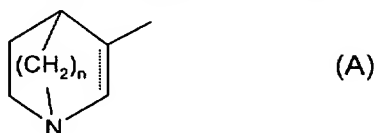
CLAIMS

1. An azabicyclic derivative represented by Formula I

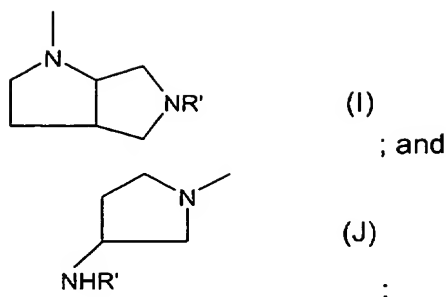


an enantiomer thereof, or a mixture of its enantiomers, or a pharmaceutically-acceptable addition salt thereof, or an onium salt thereof, wherein,

10 AZA represents an azacyclic group selected from



49



wherein

----- represents an optional double bond;

n is 0, 1, 2 or 3;

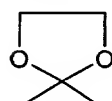
m is 1 or 2; and

R' represents hydrogen or alkyl;

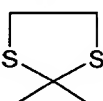
X' and X'' are absent (i.e. represent single (covalent) bonds); or

X' and X'', independently of one another, represent a linker selected from

-O-, -O-CH₂-, -O-CH₂-CH₂-, -S-, -SO-, -SO₂-, -CH₂-, -S-CH₂-CH₂-,
-CH₂-, -(C=CH₂)-, -NH-, -N(alkyl)-, -(CO)-, -(CS)-,



and/or



; and/or

a group of the formula -NR''-(CO)-, -NR''-(CO)-O-, -NR''-(SO₂)- and
-NR''-(C=Z')-NR''-; wherein

Z' represents O, S or NR''''; and

R''' represents hydrogen, alkyl or cyano; and

A' and A'', independently of one another, represent an aromatic monocyclic
and/or polycyclic, carbocyclic and/or heterocyclic group, optionally substituted one or
more times with substituents selected from the group consisting of alkyl, cycloalkyl,
cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy,
cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy,
carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic,
carbocyclic or heterocyclic group, which additional monocyclic or polycyclic,
carbocyclic or heterocyclic group may optionally be substituted one or more times with
substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl,
hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-
alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido,
sulfamoyl and phenyl; and

Y' and Y'' may be absent (i.e. represent single (covalent) bonds); and
L represents

a single (covalent) bond (i.e. L is absent); or

a group A''' which represents a monocyclic or polycyclic, carbocyclic or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally be substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl; or

Y' and Y'', independently of one another, represent a linker selected from

-O-, -O-CH₂-, -O-CH₂-CH₂-, -S-, -SO-, -SO₂-, -CH₂-, -S-CH₂-CH₂-, -CH₂-, -(C=CH₂)-, -NH-, -N(alkyl)-, -(CO)-, -(CS)-,



and/or ; and/or

a group of the formula -NR''-(CO)-, -NR''-(CO)-O-, -NR''-(SO₂)- and -NR''-(C=Z')-NR''-; wherein

Z' represents O, S or NR'''; and

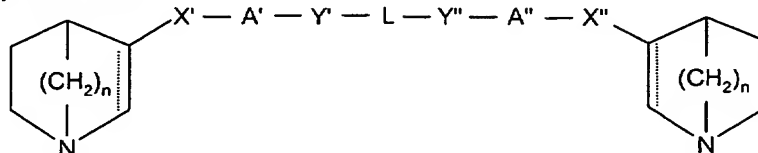
R''' represents hydrogen, alkyl or cyano; and

L represents

a group A''' which represents a monocyclic or polycyclic, carbocyclic or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally be substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl,

cycloalkoxy-alkoxy, halo, CF_3 , CN, NO_2 , NH_2 , carboxy, carbamoyl, amido, sulfamoyl and phenyl.

2. An azabicyclic derivative of claim 1, being a quinuclidine derivative
5 represented by Formula II



(II)

an enantiomer thereof, or a mixture of its enantiomers, or a pharmaceutically-acceptable addition salt thereof, or an onium salt thereof, wherein,

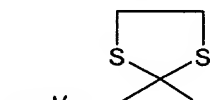
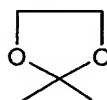
10 ----- represents an optional double bond;

n is 1, 2 or 3;

X' and X'' are absent (i.e. represent single (covalent) bonds); or

15 X' and X'', independently of one another, represent a linker selected from

-O-, -O-CH₂-, -O-CH₂-CH₂-, -S-, -SO-, -SO₂-, -CH₂-, -S-CH₂-CH₂-,
-CH₂-, -(C=CH₂)-, -NH-, -N(alkyl)-, -(CO)-, -(CS)-,



and/or ; and/or

a group of the formula -NR''-(CO)-, -NR''-(CO)-O-, -NR''-(SO₂)- and
20 -NR''-(C=Z')-NR''-; wherein

Z' represents O, S or NR'''; and

R''' represents hydrogen, alkyl or cyano; and

A' and A'', independently of one another, represent an aromatic monocyclic
25 and/or polycyclic, carbocyclic and/or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF_3 , CN, NO_2 , NH_2 , carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic,
30 carbocyclic or heterocyclic group, which additional monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally be substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl,

hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl; and

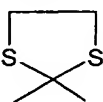
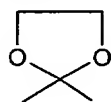
5 Y' and Y'' may be absent (i.e. represent single (covalent) bonds); and
L represents

a single (covalent) bond (i.e. L is absent); or

a group A''' which represents a monocyclic or polycyclic, carbocyclic or
heterocyclic group, optionally substituted one or more times with
10 substituents selected from the group consisting of alkyl, cycloalkyl,
cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy,
cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂,
carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another
monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional
15 monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally
be substituted one or more times with substituents selected from the group
consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy,
hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl,
cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido,
20 sulfamoyl and phenyl; or

Y' and Y'', independently of one another, represent a linker selected from

-O-, -O-CH₂-, -O-CH₂-CH₂-, -S-, -SO-, -SO₂-, -CH₂-, -S-CH₂-CH₂-,
-CH₂-, -(C=CH₂)-, -NH-, -N(alkyl)-, -(CO)-, -(CS)-,



and/or ; and/or

25 a group of the formula -NR''-(CO)-, -NR''-(CO)-O-, -NR''-(SO₂)- and
-NR''-(C=Z')-NR''-; wherein

Z' represents O, S or NR'''; and

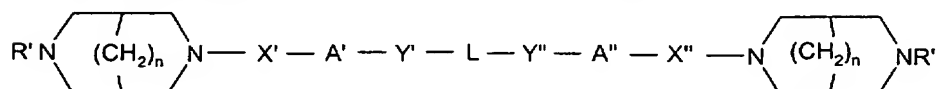
R''' represents hydrogen, alkyl or cyano; and

L represents

30 a group A''' which represents a monocyclic or polycyclic, carbocyclic or
heterocyclic group, optionally substituted one or more times with
substituents selected from the group consisting of alkyl, cycloalkyl,
cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy,
cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂,
35 carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another
monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional
monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally

be substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl.

3. An azabicyclic derivative of claim 1, represented by Formula III



(III)

an enantiomer thereof, or a mixture of its enantiomers, or a pharmaceutically-acceptable addition salt thereof, or an onium salt thereof, wherein,

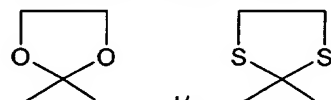
R' represents hydrogen or alkyl;

n is 1, 2 or 3;

X' and X'' are absent (i.e. represent single (covalent) bonds); or

X' and X'', independently of one another, represent a linker selected from

-O-, -O-CH₂-, -O-CH₂-CH₂-, -S-, -SO-, -SO₂-, -CH₂-, -S-CH₂-CH₂-, -CH₂-, -(C=CH₂)-, -NH-, -N(alkyl)-, -(CO)-, -(CS)-,



and/or ; and/or

a group of the formula -NR''-(CO)-, -NR''-(CO)-O-, -NR''-(SO₂)- and -NR''-(C=Z')-NR''-; wherein

Z' represents O, S or NR'''; and

R''' represents hydrogen, alkyl or cyano; and

A' and A'', independently of one another, represent an aromatic monocyclic and/or polycyclic, carbocyclic and/or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional monocyclic or polycyclic,

carbocyclic or heterocyclic group may optionally be substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl; and

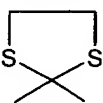
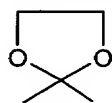
Y' and Y'' may be absent (i.e. represent single (covalent) bonds); and
L represents

a single (covalent) bond (i.e. L is absent); or

a group A''' which represents a monocyclic or polycyclic, carbocyclic or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally be substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl; or

Y' and Y'', independently of one another, represent a linker selected from

-O-, -O-CH₂-, -O-CH₂-CH₂-, -S-, -SO-, -SO₂-, -CH₂-, -S-CH₂-CH₂-, -CH₂-, -(C=CH₂)-, -NH-, -N(alkyl)-, -(CO)-, -(CS)-,



and/or ; and/or

a group of the formula -NR''-(CO)-, -NR''-(CO)-O-, -NR''-(SO₂)- and -NR''-(C=Z')-NR''-; wherein

Z' represents O, S or NR'''; and

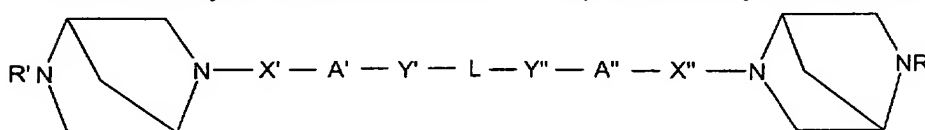
R''' represents hydrogen, alkyl or cyano; and

L represents

a group A''' which represents a monocyclic or polycyclic, carbocyclic or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another

monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally be substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl.

4. An azabicyclic derivative of claim 1, represented by Formula IVa,



(IVa)

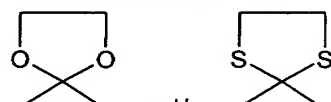
an enantiomer thereof, or a mixture of its enantiomers, or a pharmaceutically-acceptable addition salt thereof, or an onium salt thereof, wherein,

R' represents hydrogen or alkyl;

X' and X'' are absent (i.e. represent single (covalent) bonds); or

X' and X'', independently of one another, represent a linker selected from

-O-, -O-CH₂-, -O-CH₂-CH₂-, -S-, -SO-, -SO₂-, -CH₂-, -S-CH₂-CH₂-, -CH₂-, -(C=CH₂)-, -NH-, -N(alkyl)-, -(CO)-, -(CS)-,



and/or ; and/or

a group of the formula -NR''-(CO)-, -NR''-(CO)-O-, -NR''-(SO₂)- and -NR''-(C=Z')-NR''-; wherein

Z' represents O, S or NR'''; and

R''' represents hydrogen, alkyl or cyano; and

A' and A'', independently of one another, represent an aromatic monocyclic and/or polycyclic, carbocyclic and/or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic,

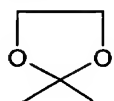
carbocyclic or heterocyclic group, which additional monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally be substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl; and

Y' and Y'' may be absent (i.e. represent single (covalent) bonds); and
L represents

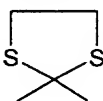
a single (covalent) bond (i.e. L is absent); or

a group A''' which represents a monocyclic or polycyclic, carbocyclic or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally be substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl; or

Y' and Y'', independently of one another, represent a linker selected from
-O-, -O-CH₂-, -O-CH₂-CH₂-, -S-, -SO-, -SO₂-, -CH₂-, -S-CH₂-CH₂-,
-CH₂-, -(C=CH₂)-, -NH-, -N(alkyl)-, -(CO)-, -(CS)-,



and/or



; and/or

a group of the formula -NR''-(CO)-, -NR''-(CO)-O-, -NR''-(SO₂)- and -NR''-(C=Z')-NR''-; wherein

Z' represents O, S or NR'''; and

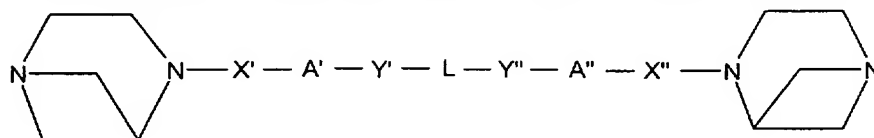
R''' represents hydrogen, alkyl or cyano; and

L represents

a group A''' which represents a monocyclic or polycyclic, carbocyclic or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂,

carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally be substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl.

5. An azabicyclic derivative of claim 1, represented by Formula Va,



(Va)

an enantiomer thereof, or a mixture of its enantiomers, or a pharmaceutically-acceptable addition salt thereof, or an onium salt thereof, wherein,

X' and X'' are absent (i.e. represent single (covalent) bonds); or X' and X'', independently of one another, represent a linker selected from -O-, -O-CH₂-, -O-CH₂-CH₂-, -S-, -SO-, -SO₂-, -CH₂-, -S-CH₂-CH₂-, -CH₂-, -(C=CH₂)-, -NH-, -N(alkyl)-, -(CO)-, -(CS)-,



and/or ; and/or

a group of the formula -NR''-(CO)-, -NR''-(CO)-O-, -NR''-(SO₂)- and -NR''-(C=Z')-NR''-; wherein

Z' represents O, S or NR'''; and

R''' represents hydrogen, alkyl or cyano; and

A' and A'', independently of one another, represent an aromatic monocyclic and/or polycyclic, carbocyclic and/or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional monocyclic or polycyclic,

carbocyclic or heterocyclic group may optionally be substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl; and

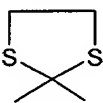
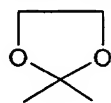
Y' and Y'' may be absent (i.e. represent single (covalent) bonds); and
L represents

a single (covalent) bond (i.e. L is absent); or

a group A''' which represents a monocyclic or polycyclic, carbocyclic or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally be substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl; or

Y' and Y'', independently of one another, represent a linker selected from

-O-, -O-CH₂-, -O-CH₂-CH₂-, -S-, -SO-, -SO₂-, -CH₂-, -S-CH₂-CH₂-, -CH₂-, -(C=CH₂)-, -NH-, -N(alkyl)-, -(CO)-, -(CS)-,



and/or ; and/or

a group of the formula -NR''-(CO)-, -NR''-(CO)-O-, -NR''-(SO₂)- and -NR''-(C=Z')-NR''-; wherein

Z' represents O, S or NR'''; and

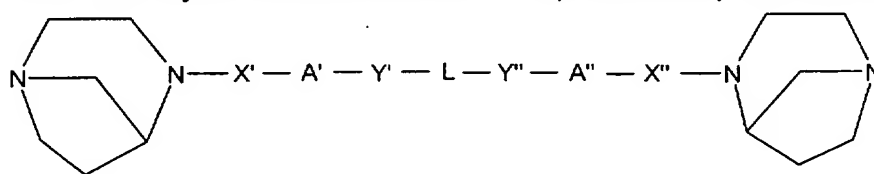
R''' represents hydrogen, alkyl or cyano; and

L represents

a group A''' which represents a monocyclic or polycyclic, carbocyclic or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another

monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally be substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl.

6. An azabicyclic derivative of claim 1, represented by Formula Vb,



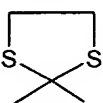
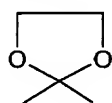
(Vb)

an enantiomer thereof, or a mixture of its enantiomers, or a pharmaceutically-acceptable addition salt thereof, or an onium salt thereof, wherein,

X' and X'' are absent (i.e. represent single (covalent) bonds); or

X' and X'', independently of one another, represent a linker selected from

-O-, -O-CH₂-, -O-CH₂-CH₂-, -S-, -SO-, -SO₂-, -CH₂-, -S-CH₂-CH₂-, -CH₂-, -(C=CH₂)-, -NH-, -N(alkyl)-, -(CO)-, -(CS)-,



and/or ; and/or

a group of the formula -NR''-(CO)-, -NR''-(CO)-O-, -NR''-(SO₂)- and -NR''-(C=Z')-NR''-; wherein

Z' represents O, S or NR'''; and

R''' represents hydrogen, alkyl or cyano; and

A' and A'', independently of one another, represent an aromatic monocyclic and/or polycyclic, carbocyclic and/or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally be substituted one or more times with

substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF_3 , CN , NO_2 , NH_2 , carboxy, carbamoyl, amido, sulfamoyl and phenyl; and

5

Y' and Y'' may be absent (i.e. represent single (covalent) bonds); and
L represents

a single (covalent) bond (i.e. L is absent); or

10

a group A''' which represents a monocyclic or polycyclic, carbocyclic or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF_3 , CN , NO_2 , NH_2 , carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally be substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF_3 , CN , NO_2 , NH_2 , carboxy, carbamoyl, amido, sulfamoyl and phenyl; or

15

20

Y' and Y'' , independently of one another, represent a linker selected from

$-\text{O}-$, $-\text{O}-\text{CH}_2-$, $-\text{O}-\text{CH}_2-\text{CH}_2-$, $-\text{S}-$, $-\text{SO}-$, $-\text{SO}_2-$, $-\text{CH}_2-$, $-\text{S}-\text{CH}_2-\text{CH}_2-$, $-\text{CH}_2-$, $-(\text{C}=\text{CH}_2)-$, $-\text{NH}-$, $-\text{N}(\text{alkyl})-$, $-(\text{CO})-$, $-(\text{CS})-$,



25

and/or ; and/or

a group of the formula $-\text{NR}''-(\text{CO})-$, $-\text{NR}''-(\text{CO})-\text{O}-$, $-\text{NR}''-(\text{SO}_2)-$ and $-\text{NR}''-(\text{C}=\text{Z}')-\text{NR}''-$; wherein

Z' represents O, S or NR''' ; and

R''' represents hydrogen, alkyl or cyano; and

30

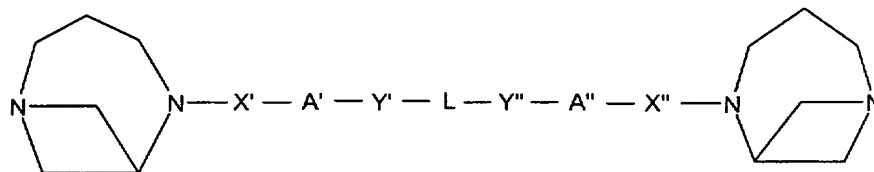
L represents

35

a group A''' which represents a monocyclic or polycyclic, carbocyclic or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF_3 , CN , NO_2 , NH_2 , carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional

monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally be substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl.

7. An azabicyclic derivative of claim 1, represented by Formula Vc,



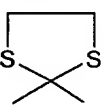
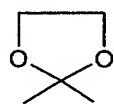
(Vc)

an enantiomer thereof, or a mixture of its enantiomers, or a pharmaceutically-acceptable addition salt thereof, or an onium salt thereof, wherein,

X' and X'' are absent (i.e. represent single (covalent) bonds); or

X' and X'', independently of one another, represent a linker selected from

-O-, -O-CH₂-, -O-CH₂-CH₂-, -S-, -SO-, -SO₂-, -CH₂-, -S-CH₂-CH₂-, -CH₂-, -(C=CH₂)-, -NH-, -N(alkyl)-, -(CO)-, -(CS)-,



and/or ; and/or

a group of the formula -NR''-(CO)-, -NR''-(CO)-O-, -NR''-(SO₂)- and -NR''-(C=Z')-NR''-; wherein

Z' represents O, S or NR'''; and

R''' represents hydrogen, alkyl or cyano; and

A' and A'', independently of one another, represent an aromatic monocyclic and/or polycyclic, carbocyclic and/or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally be substituted one or more times with

substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF_3 , CN , NO_2 , NH_2 , carboxy, carbamoyl, amido, sulfamoyl and phenyl; and

5

Y' and Y'' may be absent (i.e. represent single (covalent) bonds); and
L represents

a single (covalent) bond (i.e. L is absent); or

10

a group A''' which represents a monocyclic or polycyclic, carbocyclic or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF_3 , CN , NO_2 , NH_2 , carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally be substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF_3 , CN , NO_2 , NH_2 , carboxy, carbamoyl, amido, sulfamoyl and phenyl; or

15

20

Y' and Y'' , independently of one another, represent a linker selected from

$-\text{O}-$, $-\text{O}-\text{CH}_2-$, $-\text{O}-\text{CH}_2-\text{CH}_2-$, $-\text{S}-$, $-\text{SO}-$, $-\text{SO}_2-$, $-\text{CH}_2-$, $-\text{S}-\text{CH}_2-\text{CH}_2-$, $-\text{CH}_2-$, $-(\text{C}=\text{CH}_2)-$, $-\text{NH}-$, $-\text{N}(\text{alkyl})-$, $-(\text{CO})-$, $-(\text{CS})-$,



25

and/or ; and/or

a group of the formula $-\text{NR}''-(\text{CO})-$, $-\text{NR}''-(\text{CO})-\text{O}-$, $-\text{NR}''-(\text{SO}_2)-$ and $-\text{NR}''-(\text{C}=\text{Z}')-\text{NR}''-$; wherein

Z' represents O, S or NR''' ; and

R''' represents hydrogen, alkyl or cyano; and

30

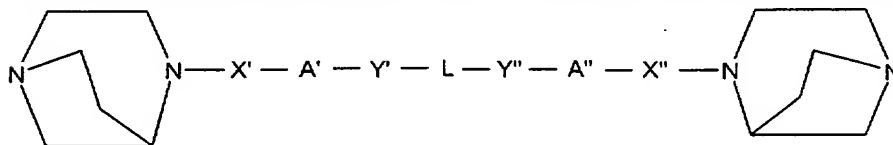
L represents

35

a group A''' which represents a monocyclic or polycyclic, carbocyclic or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF_3 , CN , NO_2 , NH_2 , carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional

monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally be substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl.

8. An azabicyclic derivative of claim 1, represented by Formula VIa,



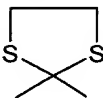
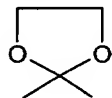
(VIa)

an enantiomer thereof, or a mixture of its enantiomers, or a pharmaceutically-acceptable addition salt thereof, or an onium salt thereof, wherein,

X' and X'' are absent (i.e. represent single (covalent) bonds); or

X' and X'', independently of one another, represent a linker selected from

-O-, -O-CH₂-, -O-CH₂-CH₂-, -S-, -SO-, -SO₂-, -CH₂-, -S-CH₂-CH₂-, -CH₂-, -(C=CH₂)-, -NH-, -N(alkyl)-, -(CO)-, -(CS)-,



and/or ; and/or

a group of the formula -NR''-(CO)-, -NR''-(CO)-O-, -NR''-(SO₂)- and -NR''-(C=Z')-NR''-; wherein

Z' represents O, S or NR'''; and

R''' represents hydrogen, alkyl or cyano; and

A' and A'', independently of one another, represent an aromatic monocyclic and/or polycyclic, carbocyclic and/or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally be substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl,

hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl; and

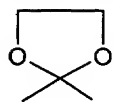
5 Y' and Y'' may be absent (i.e. represent single (covalent) bonds); and
L represents

a single (covalent) bond (i.e. L is absent); or

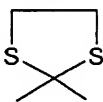
a group A''' which represents a monocyclic or polycyclic, carbocyclic or heterocyclic group, optionally substituted one or more times with
10 substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional
15 monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally be substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl; or

20 Y' and Y'', independently of one another, represent a linker selected from

-O-, -O-CH₂-, -O-CH₂-CH₂-, -S-, -SO-, -SO₂-, -CH₂-, -S-CH₂-CH₂-,
-CH₂-, -(C=CH₂)-, -NH-, -N(alkyl)-, -(CO)-, -(CS)-,



and/or



; and/or

25 a group of the formula -NR''-(CO)-, -NR''-(CO)-O-, -NR''-(SO₂)- and -NR''-(C=Z')-NR''-; wherein

Z' represents O, S or NR'''; and

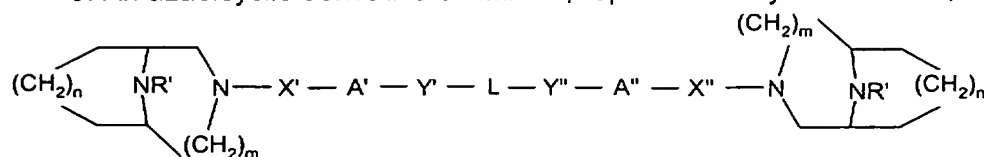
R''' represents hydrogen, alkyl or cyano; and

L represents

30 a group A''' which represents a monocyclic or polycyclic, carbocyclic or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂,
35 carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally

be substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl.

9. An azabicyclic derivative of claim 1, represented by Formula VII,



(VII)

an enantiomer thereof, or a mixture of its enantiomers, or a pharmaceutically-acceptable addition salt thereof, or an onium salt thereof, wherein,

R' represents hydrogen or alkyl;

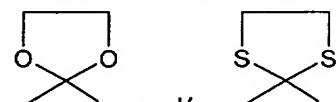
n is 1, 2 or 3;

m is 1 or 2;

X' and X'' are absent (i.e. represent single (covalent) bonds); or

X' and X'', independently of one another, represent a linker selected from

-O-, -O-CH₂-, -O-CH₂-CH₂-, -S-, -SO-, -SO₂-, -CH₂-, -S-CH₂-CH₂-, -CH₂-, -(C=CH₂)-, -NH-, -N(alkyl)-, -(CO)-, -(CS)-,



and/or ; and/or

a group of the formula -NR''-(CO)-, -NR''-(CO)-O-, -NR''-(SO₂)- and -NR''-(C=Z')-NR''-; wherein

Z' represents O, S or NR'''; and

R''' represents hydrogen, alkyl or cyano; and

A' and A'', independently of one another, represent an aromatic monocyclic and/or polycyclic, carbocyclic and/or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy,

carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally be substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl; and

Y' and Y'' may be absent (i.e. represent single (covalent) bonds); and

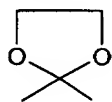
L represents

a single (covalent) bond (i.e. L is absent); or

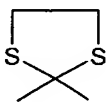
a group A''' which represents a monocyclic or polycyclic, carbocyclic or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally be substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl; or

Y' and Y'', independently of one another, represent a linker selected from

-O-, -O-CH₂-, -O-CH₂-CH₂-, -S-, -SO-, -SO₂-, -CH₂-, -S-CH₂-CH₂-, -CH₂-, -(C=CH₂)-, -NH-, -N(alkyl)-, -(CO)-, -(CS)-,



and/or



; and/or

a group of the formula -NR''-(CO)-, -NR''-(CO)-O-, -NR''-(SO₂)- and -NR''-(C=Z')-NR''-; wherein

Z' represents O, S or NR'''; and

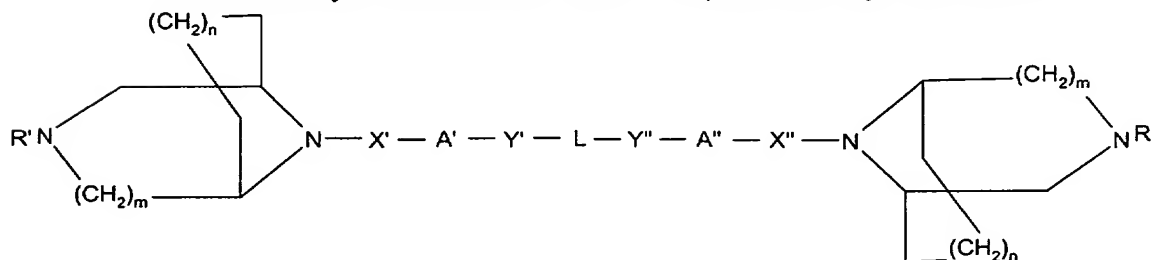
R''' represents hydrogen, alkyl or cyano; and

L represents

a group A''' which represents a monocyclic or polycyclic, carbocyclic or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy,

cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF_3 , CN , NO_2 , NH_2 , carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally be substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF_3 , CN , NO_2 , NH_2 , carboxy, carbamoyl, amido, sulfamoyl and phenyl.

10. An azabicyclic derivative of claim 1, represented by Formula VIII,



(VIII)

an enantiomer thereof, or a mixture of its enantiomers, or a pharmaceutically-acceptable addition salt thereof, or an onium salt thereof, wherein,

R' represents hydrogen or alkyl;

n is 1, 2 or 3;

m is 1 or 2;

X' and X'' are absent (i.e. represent single (covalent) bonds); or

X' and X'' , independently of one another, represent a linker selected from

$-\text{O}-$, $-\text{O}-\text{CH}_2-$, $-\text{O}-\text{CH}_2-\text{CH}_2-$, $-\text{S}-$, $-\text{SO}-$, $-\text{SO}_2-$, $-\text{CH}_2-$, $-\text{S}-\text{CH}_2-\text{CH}_2-$, $-\text{CH}_2-$, $-(\text{C}=\text{CH}_2)-$, $-\text{NH}-$, $-\text{N}(\text{alkyl})-$, $-(\text{CO})-$, $-(\text{CS})-$,



and/or ; and/or

a group of the formula $-\text{NR}''-(\text{CO})-$, $-\text{NR}''-(\text{CO})-\text{O}-$, $-\text{NR}''-(\text{SO}_2)-$ and $-\text{NR}''-(\text{C}=\text{Z}')-\text{NR}''-$; wherein

Z' represents O, S or NR''' ; and

R''' represents hydrogen, alkyl or cyano; and

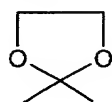
A' and A'', independently of one another, represent an aromatic monocyclic and/or polycyclic, carbocyclic and/or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally be substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl; and

Y' and Y'' may be absent (i.e. represent single (covalent) bonds); and L represents

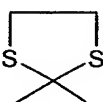
a single (covalent) bond (i.e. L is absent); or

a group A''' which represents a monocyclic or polycyclic, carbocyclic or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally be substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl; or

Y' and Y'', independently of one another, represent a linker selected from -O-, -O-CH₂-, -O-CH₂-CH₂-, -S-, -SO-, -SO₂-, -CH₂-, -S-CH₂-CH₂-, -CH₂-, -(C=CH₂)-, -NH-, -N(alkyl)-, -(CO)-, -(CS)-,



and/or



; and/or

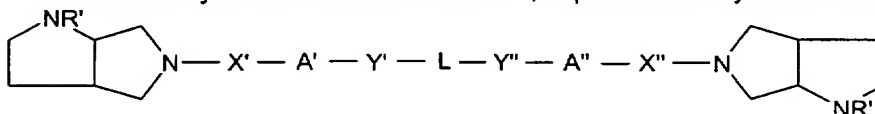
a group of the formula -NR''-(CO)-, -NR''-(CO)-O-, -NR''-(SO₂)- and -NR''-(C=Z')-NR''-; wherein Z' represents O, S or NR'''; and

R''' represents hydrogen, alkyl or cyano; and

L represents

a group A''' which represents a monocyclic or polycyclic, carbocyclic or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally be substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl.

11. An azabicyclic derivative of claim 1, represented by Formula IX,



(IX)

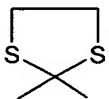
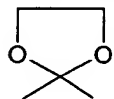
an enantiomer thereof, or a mixture of its enantiomers, or a pharmaceutically-acceptable addition salt thereof, or an onium salt thereof, wherein,

R' represents hydrogen or alkyl;

X' and X'' are absent (i.e. represent single (covalent) bonds); or

X' and X'', independently of one another, represent a linker selected from

-O-, -O-CH₂-, -O-CH₂-CH₂-, -S-, -SO-, -SO₂-, -CH₂-, -S-CH₂-CH₂-, -CH₂-, -(C=CH₂)-, -NH-, -N(alkyl)-, -(CO)-, -(CS)-,



and/or ; and/or

a group of the formula -NR''-(CO)-, -NR''-(CO)-O-, -NR''-(SO₂)- and -NR''-(C=Z')-NR''-; wherein

Z' represents O, S or NR'''; and

R''' represents hydrogen, alkyl or cyano; and

A' and A'', independently of one another, represent an aromatic monocyclic and/or polycyclic, carbocyclic and/or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally be substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl; and

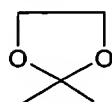
Y' and Y'' may be absent (i.e. represent single (covalent) bonds); and
L represents

a single (covalent) bond (i.e. L is absent); or

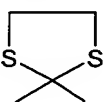
a group A''' which represents a monocyclic or polycyclic, carbocyclic or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally be substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl; or

Y' and Y'', independently of one another, represent a linker selected from

-O-, -O-CH₂-, -O-CH₂-CH₂-, -S-, -SO-, -SO₂-, -CH₂-, -S-CH₂-CH₂-, -CH₂-, -(C=CH₂)-, -NH-, -N(alkyl)-, -(CO)-, -(CS)-,



and/or



; and/or

a group of the formula -NR''-(CO)-, -NR''-(CO)-O-, -NR''-(SO₂)- and -NR''-(C=Z')-NR''-; wherein

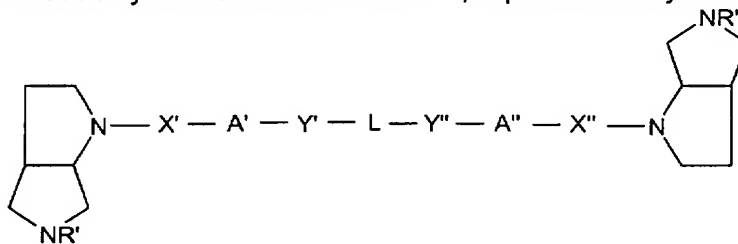
Z' represents O, S or NR'''; and

R''' represents hydrogen, alkyl or cyano; and

L represents

a group A''' which represents a monocyclic or polycyclic, carbocyclic or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally be substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl.

12. An azabicyclic derivative of claim 1, represented by Formula X,



(X)

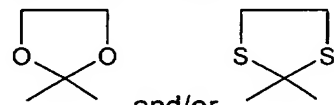
an enantiomer thereof, or a mixture of its enantiomers, or a pharmaceutically-acceptable addition salt thereof, or an onium salt thereof, wherein,

R' represents hydrogen or alkyl;

X' and X'' are absent (i.e. represent single (covalent) bonds); or

X' and X'', independently of one another, represent a linker selected from

-O-, -O-CH₂-, -O-CH₂-CH₂-, -S-, -SO-, -SO₂-, -CH₂-, -S-CH₂-CH₂-, -CH₂-, -(C=CH₂)-, -NH-, -N(alkyl)-, -(CO)-, -(CS)-,



and/or ; and/or

a group of the formula -NR''-(CO)-, -NR''-(CO)-O-, -NR''-(SO₂)- and -NR''-(C=Z')-NR''-; wherein

Z' represents O, S or NR'''; and

R''' represents hydrogen, alkyl or cyano; and

A' and A'', independently of one another, represent an aromatic monocyclic
 5 and/or polycyclic, carbocyclic and/or heterocyclic group, optionally substituted one or
 more times with substituents selected from the group consisting of alkyl, cycloalkyl,
 cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy,
 cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy,
 carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic,
 10 carbocyclic or heterocyclic group, which additional monocyclic or polycyclic,
 carbocyclic or heterocyclic group may optionally be substituted one or more times with
 substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl,
 hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-
 alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido,
 15 sulfamoyl and phenyl; and

Y' and Y'' may be absent (i.e. represent single (covalent) bonds); and

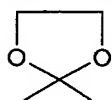
L represents

a single (covalent) bond (i.e. L is absent); or

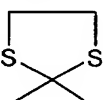
20 a group A''' which represents a monocyclic or polycyclic, carbocyclic or
 heterocyclic group, optionally substituted one or more times with
 substituents selected from the group consisting of alkyl, cycloalkyl,
 cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy,
 cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂,
 25 carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another
 monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional
 monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally
 be substituted one or more times with substituents selected from the group
 consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy,
 30 hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl,
 cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido,
 sulfamoyl and phenyl; or

Y' and Y'', independently of one another, represent a linker selected from

35 -O-, -O-CH₂-, -O-CH₂-CH₂-, -S-, -SO-, -SO₂-, -CH₂-, -S-CH₂-CH₂-,
 -CH₂-, -(C=CH₂)-, -NH-, -N(alkyl)-, -(CO)-, -(CS)-,



and/or



; and/or

a group of the formula $-NR''-(CO)-$, $-NR''-(CO)-O-$, $-NR''-(SO_2)-$ and $-NR''-(C=Z')-NR''-$; wherein

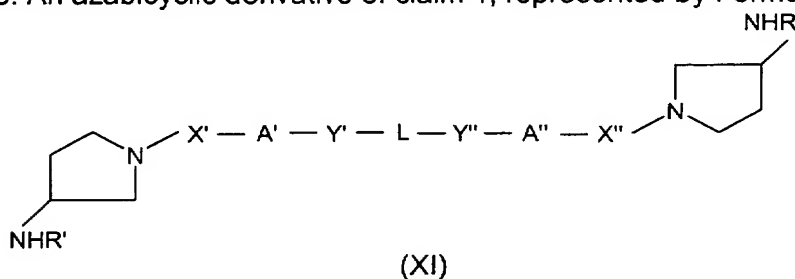
Z' represents O, S or NR''' ; and

R''' represents hydrogen, alkyl or cyano; and

5 L represents

a group A''' which represents a monocyclic or polycyclic, carbocyclic or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, 10 cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF_3 , CN, NO_2 , NH_2 , carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally be substituted one or more times with substituents selected from the group 15 consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF_3 , CN, NO_2 , NH_2 , carboxy, carbamoyl, amido, sulfamoyl and phenyl.

20 13. An azabicyclic derivative of claim 1, represented by Formula XI,



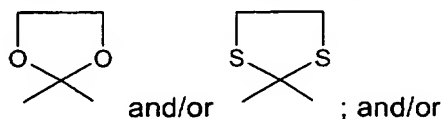
an enantiomer thereof, or a mixture of its enantiomers, or a pharmaceutically-acceptable addition salt thereof, or an onium salt thereof, wherein,

25 R' represents hydrogen or alkyl;

X' and X'' are absent (i.e. represent single (covalent) bonds); or

X' and X'' , independently of one another, represent a linker selected from

30 $-O-$, $-O-CH_2-$, $-O-CH_2-CH_2-$, $-S-$, $-SO-$, $-SO_2-$, $-CH_2-$, $-S-CH_2-CH_2-$, $-CH_2-$, $-(C=CH_2)-$, $-NH-$, $-N(alkyl)-$, $-(CO)-$, $-(CS)-$,



a group of the formula $-NR''-(CO)-$, $-NR''-(CO)-O-$, $-NR''-(SO_2)-$ and $-NR''-(C=Z')-NR''-$; wherein

Z' represents O, S or NR''' ; and

R''' represents hydrogen, alkyl or cyano; and

5

A' and A'', independently of one another, represent an aromatic monocyclic and/or polycyclic, carbocyclic and/or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, 10 cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF_3 , CN, NO_2 , NH_2 , carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally be substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, 15 hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF_3 , CN, NO_2 , NH_2 , carboxy, carbamoyl, amido, sulfamoyl and phenyl; and

Y' and Y'' may be absent (i.e. represent single (covalent) bonds); and

20

L represents

a single (covalent) bond (i.e. L is absent); or

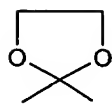
25

a group A''' which represents a monocyclic or polycyclic, carbocyclic or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF_3 , CN, NO_2 , NH_2 , carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally 30 be substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF_3 , CN, NO_2 , NH_2 , carboxy, carbamoyl, amido, sulfamoyl and phenyl; or

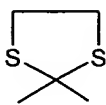
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Y' and Y'', independently of one another, represent a linker selected from

$-O-$, $-O-CH_2-$, $-O-CH_2-CH_2-$, $-S-$, $-SO-$, $-SO_2-$, $-CH_2-$, $-S-CH_2-CH_2-$, $-CH_2-$, $-(C=CH_2)-$, $-NH-$, $-N(alkyl)-$, $-(CO)-$, $-(CS)-$,



and/or



; and/or

a group of the formula $\text{-NR}''\text{-(CO)-}$, $\text{-NR}''\text{-(CO)-O-}$, $\text{-NR}''\text{-(SO}_2\text{)-}$ and $\text{-NR}''\text{-(C=Z')-NR}''\text{-}$; wherein

Z' represents O, S or NR''' ; and

5 R''' represents hydrogen, alkyl or cyano; and

L represents

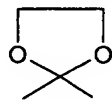
a group A''' which represents a monocyclic or polycyclic, carbocyclic or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF_3 , CN, NO_2 , NH_2 , carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally be substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF_3 , CN, NO_2 , NH_2 , carboxy, carbamoyl, amido, sulfamoyl and phenyl.

20 14. The azabicyclic derivative of either one of claims 1-2, wherein ----- represents a single (covalent) bond.

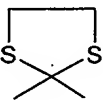
25 15. The azabicyclic derivative of any one of claims 1, 2, 3, 9 and 10, wherein n is 1, 2 or 3.

16. The azabicyclic derivative of any one of claims 1, 9 and 10, wherein m is 1 or 2.

30 17. The azabicyclic derivative of any one of claims 1-16, wherein X' and X'' are absent (i.e. represent single (covalent) bonds); or X' and X'' , independently of one another, represent a linker selected from -O- , $\text{-O-CH}_2\text{-}$, $\text{-O-CH}_2\text{-CH}_2\text{-}$, -S- , -SO- , $\text{-SO}_2\text{-}$, $\text{-CH}_2\text{-}$, $\text{-S-CH}_2\text{-CH}_2\text{-}$, $\text{-CH}_2\text{-}$, $\text{-(C=CH}_2\text{)-}$, -NH- , -N(alkyl)- , -(CO)- , -(CS)- ,



and/or



; and/or

35

a group of the formula $-\text{NR}''-(\text{CO})-$, $-\text{NR}''-(\text{CO})-\text{O}-$, $-\text{NR}''-(\text{SO}_2)-$ and $-\text{NR}''-(\text{C}=\text{Z}')$ - $\text{NR}''-$; wherein

Z' represents O, S or NR''' ; and

R''' represents hydrogen, alkyl or cyano.

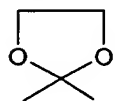
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18. The azabicyclic derivative of claim 17, wherein X' and X'' are absent (i.e. represent single (covalent) bonds).

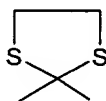
19. The azabicyclic derivative of claim 16, wherein

10 X' and X'' , independently of one another, represent a linker selected from

$-\text{O}-$, $-\text{O}-\text{CH}_2-$, $-\text{O}-\text{CH}_2-\text{CH}_2-$, $-\text{S}-$, $-\text{SO}-$, $-\text{SO}_2-$, $-\text{CH}_2-$, $-\text{S}-\text{CH}_2-\text{CH}_2-$, $-\text{CH}_2-$, $-(\text{C}=\text{CH}_2)-$, $-\text{NH}-$, $-\text{N}(\text{alkyl})-$, $-(\text{CO})-$, $-(\text{CS})-$,



and/or



; and/or

a group of the formula $-\text{NR}''-(\text{CO})-$, $-\text{NR}''-(\text{CO})-\text{O}-$, $-\text{NR}''-(\text{SO}_2)-$ and $-\text{NR}''-(\text{C}=\text{Z}')$ - $\text{NR}''-$; wherein

15

Z' represents O, S or NR''' ; and

R''' represents hydrogen, alkyl or cyano.

20. The azabicyclic derivative of claim 19, wherein X' and X'' , independently of one another, represent a linker selected from $-\text{O}-$, $-\text{O}-\text{CH}_2-$, $-\text{S}-$, $-\text{SO}-$, $-\text{SO}_2-$, $-\text{CH}_2-$, $-\text{NH}-(\text{CO})-\text{NH}-$ and/or $-\text{NH}-(\text{CO})-\text{O}-$.

21. The azabicyclic derivative of claim 17, wherein

X' and X'' are absent (i.e. represent single (covalent) bonds); or

25 X' and X'' represent $-\text{O}-$ or $-\text{O}-\text{CH}_2-$; or

X' represents $-\text{O}-$ or $-\text{O}-\text{CH}_2-$; and

X'' represents $-\text{NH}-(\text{CO})-\text{NH}-$ or $-\text{NH}-(\text{CO})-\text{O}-$.

30 22. The azabicyclic derivative of any one of claims 1-21, wherein L represents a single (covalent) bond (i.e. L is absent).

23. The azabicyclic derivative of any one of claims 1-22, wherein Y' and Y'' are absent (i.e. represent single (covalent) bonds).

35

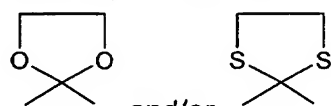
24. The azabicyclic derivative of claim 23, wherein L represents a single (covalent) bond (i.e. L is absent); or

a group A''' which represents an aromatic monocyclic or polycyclic, carbocyclic or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally be substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl.

25. The azabicyclic derivative of claim 24, wherein A''' represents a phenyl, naphthyl, pyridyl, thienyl, furanyl, pyridazinyl or thiazolyl group.

15

26. The azabicyclic derivative of any one of claims 1-21, wherein Y' and Y'', independently of one another, represent a linker selected from -O-, -O-CH₂-, -O-CH₂-CH₂-, -S-, -SO-, -SO₂-, -CH₂-, -S-CH₂-CH₂-, -CH₂-, -(C=CH₂)-, -NH-, -N(alkyl)-, -(CO)-, -(CS)-,



20

and/or ; and/or

a group of the formula -NR''-(CO)-, -NR''-(CO)-O-, -NR''-(SO₂)- and -NR''-(C=Z')-NR''-; wherein

Z' represents O, S or NR'''; and

R''' represents hydrogen, alkyl or cyano.

25

27. The azabicyclic derivative of claim 26, wherein L represents a group A''' which represents a monocyclic or polycyclic, carbocyclic or heterocyclic group, optionally substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl, or with another monocyclic or polycyclic, carbocyclic or heterocyclic group, which additional monocyclic or polycyclic, carbocyclic or heterocyclic group may optionally be substituted one or more times with substituents selected from the group consisting of alkyl, cycloalkyl, cycloalkyl-alkyl, hydroxy, alkoxy, hydroxyalkoxy, alkoxy-alkyl, alkoxy-alkoxy, cycloalkoxy, cycloalkoxy-alkyl, cycloalkoxy-alkoxy, halo, CF₃, CN, NO₂, NH₂, carboxy, carbamoyl, amido, sulfamoyl and phenyl.

28. The azabicyclic derivative of claim 27, wherein A''' represents a phenyl, naphthyl, pyridyl, thienyl, furanyl, pyridazinyl or thiazolyl group.

5 29. The azabicyclic derivative of either one of claims 1-2, wherein

----- represents a single (covalent) bond;

n is 2;

10

X' and X'' are absent (i.e. represent single (covalent) bonds); or

X' and X'', independently of one another, represent -O-, -S-, -SO- or -NH-;

and

15 A' and A'' represent phenyl, pyridyl, thienyl, furanyl, pyridazinyl and/or thiazolyl; and

Y', Y'' and L represent single (covalent) bonds.

20 30. The azabicyclic derivative of claim 29, which is
2,2'-Bis-((±)-1-aza-bicyclo[2.2.2]oct-3-yloxy)-[5,5']-bithiazolyl;

2,2'-Bis-((±)-1-aza-bicyclo[2.2.2]oct-3-yloxy)-[5,5']-bifuranyl;

6,6'-Bis-((±)-1-aza-bicyclo[2.2.2]oct-3-yloxy)-[3,3']-bipyridinyl;

6,6'-Bis-((±)-1-aza-bicyclo[2.2.2]oct-3-yloxy)-[3,3']-bipyridazinyl; or

25 6-[4-(1-Aza-bicyclo[2.2.2]oct-3-yloxy)-phenyl]-pyridazin-3-ol-(1-aza-bicyclo[2.2.2]oct-3-yl);

or an enantiomer thereof, or a pharmaceutically-acceptable addition salt thereof, or an onium salt thereof.

30 31. The azabicyclic derivative of either one of claims 1 and 7, wherein

X' and X'' are absent (i.e. represent single (covalent) bonds); or

X' and X'' represent -O-, -S-, -SO-, -NH-, or -(CO)-; and

35 A' and A'' represent phenyl, pyridyl, thienyl, furanyl, pyridazinyl and/or thiazolyl; and

Y', Y'' and L represent single (covalent) bonds; or

Y' and Y'' represent -O-, -S-, -SO- or -NH-; and

L represents a phenyl group.

32. The azabicyclic derivative of claim 31, which is

6,6'-Bis-[1,4]-diazabicyclo[3.2.2]nonan-1-yl-[3,3']-bipyridazinyl;

5 1,2-Di-[6-(1,4-diazabicyclo[3.2.2]nonan-4-yl)-pyridazin-3-yl-thio]-benzene;

or

1,3-Di-[6-(1,4-diazabicyclo[3.2.2]nonan-4-yl)-pyridazin-3-yl-thio]-benzene;

or an enantiomer thereof, or a pharmaceutically-acceptable addition salt thereof, or an onium salt thereof.

10

33. A pharmaceutical composition comprising a therapeutically effective amount of an azacyclic derivative of any one of claims 1-32, or a pharmaceutically-acceptable addition salt thereof.

15

34. Use of an azacyclic derivative of any one of claims 1-32, or a pharmaceutically-acceptable addition salt thereof, for the manufacture of a pharmaceutical composition/medicament for the treatment, prevention or alleviation of a disease or a disorder or a condition of a mammal, including a human, which disease, disorder or condition is responsive to modulation of cholinergic receptors and/or
20 monoamine receptors.

35. The use according to claim 34, wherein the disease, disorder or condition relates to the central nervous system.

25

36. The use according to claim 35, wherein the disease, disorder or condition is anxiety, cognitive disorders, learning deficit, memory deficits and dysfunction, Alzheimer's disease, attention deficit, attention deficit hyperactivity disorder (ADHD), Parkinson's disease, Huntington's disease, Amyotrophic Lateral Sclerosis, Gilles de la Tourette's syndrome, psychosis, depression, mania, manic
30 depression, schizophrenia, obsessive compulsive disorders (OCD), panic disorders, eating disorders such as anorexia nervosa, bulimia and obesity, narcolepsy, nociception, AIDS-dementia, senile dementia, peripheral neuropathy, autism, dyslexia, tardive dyskinesia, hyperkinesia, epilepsy, bulimia, post-traumatic syndrome, social phobia, sleeping disorders, pseudodementia, Ganser's syndrome, pre-menstrual
35 syndrome, late luteal phase syndrome, chronic fatigue syndrome, mutism, trichotillomania and jet-lag.

37. The use according to claim 34, wherein the disease, disorder or condition are associated with smooth muscle contractions, including convulsive

disorders, angina pectoris, premature labour, convulsions, diarrhoea, asthma, epilepsy, tardive dyskinesia, hyperkinesia, premature ejaculation and erectile difficulty.

38. The use according to claim 34, wherein the disease, disorder or
5 condition is related to the endocrine system, such as thyrotoxicosis, pheochromocytoma, hypertension and arrhythmias.

39. The use according to claim 34, wherein the disease, disorder or
condition is a neurodegenerative disorders, including transient anoxia and induced
10 neuro-degeneration.

40. The use according to claim 34, wherein the disease, disorder or
condition is an inflammatory disorder, including inflammatory skin disorders such as
acne and rosacea, Chron's disease, inflammatory bowel disease, ulcerative colitis and
15 diarrhoea.

41. The use according to claim 34, wherein the disease, disorder or
condition is mild, moderate or even severe pain of acute, chronic or recurrent
character, pain caused by migraine, postoperative pain, phantom limb pain,
20 neuropathic pain, chronic headache, central pain, pain related to diabetic neuropathy,
to post therapeutic neuralgia, or to peripheral nerve injury.

42. The use according to claim 34, wherein the disease, disorder or
condition is associated with withdrawal symptoms caused by termination of use of
25 addictive substances, including nicotine containing products such as tobacco, opioids
such as heroin, cocaine and morphine, benzodiazepines and benzodiazepine-like
drugs and alcohol.

43. A method of treatment, prevention or alleviation of a disease or a
30 disorder or a condition of a living animal body, including a human, which disorder,
disease or condition is responsive to modulation of cholinergic receptors and/or
monoamine receptors, which method comprises the step of administering to such a
living animal body in need thereof a therapeutically effective amount of an azacyclic
derivative of any one of claims 1-32.